



SEQUENCE LISTING

<110> Lazar, Mitchell A.
<120> Methods, Compositions and Kits Relating to Resistin
<130> UPN-L2066AUSA
<140> 09/986,234
<141> 2001-10-22
<150> PCT/US00/11272
<151> 2000-04-27
<150> US 60/131,263
<151> 1999-04-27
<160> 6
<170> PatentIn version 3.3
<210> 1
<211> 576
<212> DNA
<213> Mus musculus
<400> 1
gtgggacagc gagctaatac ccagaactga gttgtgtcct gctaagtcct ctgccacgta 60
cccacgggat gaagaacctt tcatttcccc tccttttcct tttcttcctt gtccctgaac 120
tgctgggctc cagcatgcc a ctgtgtccca tcgatgaagc catcgacaag aagatcaaac 180
aagacttcaa ctccctgttt ccaaatgcaa taaagaacat tggcttaaat tgctggacag 240
tctcctccag agggaagttg gcctcctgcc cagaaggcac agcagtcttg agctgtcct 300
gtggctctgc ctgtggctcg tgggacattc gtgaagaaaa agtgtgtcac tgccagtgtg 360
caaggataga ctggacagca gcccgtgct gtaagctgca ggtcgcttcc tgatgtcggg 420
gaagtgagcg tggtttccag cacagccacc cgttcctgta gctccagaga tgtctgatgt 480
cctccggtct ctacaggcac ctgcactcac gtgcgcgaat ccacacacaa gcacacatac 540
ttaaaaataa aacaaaacag gctggaaaaa aaaaaa 576

<210> 2
<211> 114
<212> PRT
<213> Mus musculus
<400> 2
Met Lys Asn Leu Ser Phe Pro Leu Leu Phe Leu Phe Phe Leu Val Pro
1 5 10 15
Glu Leu Leu Gly Ser Ser Met Pro Leu Cys Pro Ile Asp Glu Ala Ile
20 25 30
Asp Lys Lys Ile Lys Gln Asp Phe Asn Ser Leu Phe Pro Asn Ala Ile
35 40 45

Lys Asn Ile Gly Leu Asn Cys Trp Thr Val Ser Ser Arg Gly Lys Leu
50 55 60

Ala Ser Cys Pro Glu Gly Thr Ala Val Leu Ser Cys Ser Cys Gly Ser
65 70 75 80

Ala Cys Gly Ser Trp Asp Ile Arg Gly Gly Lys Val Cys His Cys Gln
85 90 95

Cys Ala Arg Ile Asp Trp Thr Ala Ala Arg Cys Cys Lys Leu Gln Val
100 105 110

Ala Ser

<210> 3
<211> 479
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (140)..(140)
<223> can be a, c, t or g

<400> 3
gtgtgccgga tttggttagc tgagcccacc gagaggcgcc tgcaggatga aagctctctg 60
tctcctctc ctccctgtcc tggggctggt ggtgtctagc aagaccctgt gctccatgga 120
agaagccatc aatgagaggn tccaggaggt cgccggctcc ctaatatatta gggcaataag 180
cagcattggc ctggagtgcc agagcgtcac ctccaggggg gacctggcta cttgcccccg 240
aggcttcgcc gtcaccggct gcaactgttg ctccgcctgt ggctcgtggg atgtgcgcgc 300
cgagaccaca tgtcactgcc agtgcgcggg catggactgg accggagcgc gctgctgtcg 360
tgtgcagccc tgaggtcgcg cgcagcgcgt gcacagcgcg ggcggaggcg gctccaggtc 420
cggagggggt gcgggggagc tggaaataaa cctggagatg atgatgatga tgatgatgg 479

<210> 4
<211> 107
<212> PRT
<213> Homo sapiens

<400> 4

Met Lys Ala Leu Cys Leu Leu Leu Val Leu Gly Leu Leu Val Ser
1 5 10 15

Ser Lys Thr Leu Cys Ser Met Glu Glu Ala Ile Asn Glu Arg Ile Gln
20 25 30

Glu Val Ala Gly Ser Leu Ile Phe Arg Ala Ile Ser Ser Ile Gly Leu
 35 40 45

Glu Cys Gln Ser Val Thr Ser Arg Gly Asp Leu Ala Thr Cys Pro Arg
 50 55 60

Gly Phe Ala Val Thr Gly Ser Thr Cys Gly Ser Ala Cys Gly Ser Trp
 65 70 75 80

Asp Val Arg Ala Glu Thr Thr Cys His Cys Gln Cys Ala Gly Met Asp
 85 90 95

Trp Thr Gly Ala Arg Cys Cys Arg Val Gln Pro
 100 105

<210> 5
 <211> 4420
 <212> DNA
 <213> Homo sapiens

<400> 5
 aacctagcca acatggtgaa actccttctc tactaaaaat acaaaaatta gccaggtatg 60
 gtggcgagcg cctgtagtcc cagctacgtg ggaggctgag gcaggagaat cgcttgaacc 120
 caggaggcag aggccttgagg tgagccgaga ttgcaccact gcactccagc ctgggcaaca 180
 gagcgagacc ctgtctcaaa aaaaaaaaaac ttggtttcgt gtggtgtatc ttcgcttggt 240
 tctgtgtgat ctgtgattgt ccttctgtcg tttcttggtt ttctcttatt ctcggcggtg 300
 tatgttgcg cgtgcttcgt ttggttctac tgttttctgt ttccttcttt ctcgtttttg 360
 tcagtcgtct tgtctgtctc cgcagcgcgc ttgtcactct ggtcgcggtg cctgtacgtc 420
 attcgtcgtt ctgcctgtc gttatcgttc tcgcatgatt gttttcctcc gggatcgcac 480
 ggctgctccc cttcttgat gtcttcttgt ctcttgggct cgtcttctcc cgcttcttcg 540
 tttgtcttcc attctctctt ttcattcctc tttctttcac aattacattt cctctccgac 600
 agtgagtcga ttgtctagtg tcaggggaag ggaaggggaag aaacgaaacc ctggggggga 660
 tctaggagca gacaagtccc ctgctctgtg ttttcataat ctagtatcca ggaaggggta 720
 agcacctgc gtgtatctgg ttgtaactaa ctactcaca ctgcacttgc ctgtgtgaaa 780
 acgtgagctt gtgatgatgc gtgacgtcag gtaggcgtcc ctgactctcc gtaaccaaac 840
 tttgcctgtg ccttggggat tcctccttgc aggtaggaag tgaggggtac aggttccagc 900
 tctgggctga gacatgattc aggggtccac cctgacctgg ggctcctgga gtcttggggc 960
 cctggagggt cccgtccact gccagactg acccaggtcc tcgatgaagc ctcattatga 1020
 ggactggggg aaaaggacct agccacttcc tggggagggt ggagaccca ggggtgagcgt 1080
 caaggtagcc tcaaagatga gacgtcacct cttgaaggca gccatgagcc ttgggtgggg 1140

acgtcactag	aggaagttca	ggccctat	ttt	tcggaggaag	cagttggaga	ccccatagga	1200
ggaagggcga	tggggcagta	gaaagtcgcg	gtgtccccgc	cccctccagc	agctacgcgc		1260
cccactctct	tggagacgct	agatcagtcc	ctccgggcct	actaaagaaa	ccacgcaggg		1320
ctcagatccg	ctccatcatc	atcatcatca	tcatcatcat	catctccagg	tttattttcca		1380
gctccccgc	aaccctccg	gacctggagc	cgctccgcc	cgcgctgtgc	acgcgctgcg		1440
cgcgacctca	gggctgcaca	cgacagcagc	gcgctccggt	ccagtccatg	cccgcgcact		1500
ggcagtgaca	tgtggtctcg	gcgcgcacat	cccacgagcc	acaggcggag	ccacaagtgc		1560
agccggtgac	ggcgaagcct	gcagcccgga	acacaggagc	gtggactctg	agctgggagg		1620
ctgaggggtg	gagcgggagg	ggggtgggga	gcgcggaggg	gggttggggg	ggcgggggtg		1680
gggacgggga	cggctggagg	ctccaaccac	tgaatgggca	ctggaggcag	ggagtgaggg		1740
tggacaccag	tgtccagatg	gtgggcggag	aaggctggga	gtcaggacca	agatcctagg		1800
ggagtagagg	ctggacacgg	ggaacgtggc	ggggaggggg	cattcccagg	ggacttgga		1860
cagaaatggg	cgcttgga	acagtctcct	gcactcacct	cgggggcaag	tagccaggtc		1920
ccccctggag	gtgacgctct	ggcactccag	gccaatgctg	cttattgccc	taaatactgg		1980
ggggcaggag	gaaaggagac	agggggagct	gtgagaccaa	acggtccctc	ccccatcctc		2040
ccctagccct	gttggtttgg	agctaggtcc	ctgtgggcat	aggagctcac	tggcctccag		2100
gaccctgtct	tgagttgggt	gttttgaggt	aagggaaggt	ttggagttag	agcggggatt		2160
gggtttggag	ccgtggataa	ggtggggaca	gtcggagggg	ttgggagtgg	agttgggggt		2220
gaatttatga	tctggttgga	tttgaggatg	agatttggtg	agcgctgggg	ctgggttgga		2280
gtcaggtctg	tgccagggat	cagtgaggtc	tctgagaccc	ttggggagct	tgcccaagtg		2340
gggggtcctc	acttagggag	ccggcgacct	cctggatcct	ctcattgatg	gcttcttcca		2400
tggagcacag	ggtcttgcta	gacaccaaca	gccccaggac	agggaggagg	aggagacaga		2460
gagctttcat	cctgcaggcg	ctgaaagagg	gaaccaagag	acccacagct	ggatcagccc		2520
tgccctgtgg	ggaagatccg	gcccattggag	ggagtaggat	ctgcccctgg	acctggaccc		2580
ctgtcccccc	atgtggggga	cagggatgga	ggctcagcct	tgacccagc	ctccccgctg		2640
gtgccatggc	aagcgcagga	gcagctgtca	cttaccctct	cggtgggctc	agctaaccaa		2700
atccggcaca	cgaattcctg	caccgcagct	ctttctttga	ggcctcttgg	ggtggggctt		2760
cctggcttgg	ctaataagtc	cctgggcccc	caaccctccg	gtcccacatc	cggggccaag		2820
aggaagcccc	tgagcagaca	gtaagggctg	gaggaggaag	ggagccttcc	cacttccaac		2880
agggcctccg	tcttcatgtc	cagagactgg	tcaggaggtg	gtgccccagg	gataatgcca		2940
ggggctgtgg	tctgaggaac	aggtagacaa	gcagagtttt	gcatgcaagg	gtggctgatg		3000
caaacatgac	aaaattaatg	cctcttgcta	ggcatgggtgc	ggacaagcac	ttgtagtccc		3060
agctactaag	gaggctgacg	tgagagaatt	gcttgagccc	gggagttcga	agctacagtg		3120

acttatgatac	acagcactgc	actccagtct	gggcaacaga	gcaagaccac	ttctctaaaa	3180
tagtaataat	aattatgtct	ctgggtgaga	atgacatacc	acattcatac	ccaaatgccc	3240
atgagcaata	gaactggtaa	ataaaatcat	ggtttatggc	cggtggctca	cgcctgtaat	3300
cccagcactt	tgggaggcca	aggcgggcgg	atcacttgag	gtcaggagct	tgagaccaac	3360
ctggccaaca	tgatgaaacc	ctgtctccat	tagacataca	aaaattaact	gggcgtgggtg	3420
gcgtgtgcct	gtaatcccag	ctacttgga	ggctgagggtg	ggagaatcac	ttgaacccgg	3480
gatgtggagg	ttgcagtgca	ctgagatcgt	gcccctgcac	tccatcctgg	atgactagct	3540
tgggcacat	agcaagactc	catctcaaaa	agaagaaaga	aaaatcatgg	tttattccat	3600
caatggcatc	acctgcaaca	gaagtggaa	agccattgct	catgggcca	ggtccagctc	3660
atgtttcttc	ttggaccacc	catgagcttg	gaatgggttat	acatttttat	ttgttctttg	3720
tttccagtac	aacgggcctt	tttgtggtaa	aatacatata	acatacaact	taccattata	3780
acttactttt	ttctgttttt	gagacggaat	cttgctctgt	cgcccaggct	ggagtgcagt	3840
ggcgcgatct	cggctcacta	caagctccgc	ctcctgggtt	cacgccattc	tcctgcttca	3900
gcctccaag	tagctgggac	tacaggcgcc	tgccaccacg	cccagcta	ttttgtatt	3960
ttttttttt	tagtagagat	ggagtttcac	cgtgttagcc	aggatgggtc	cgatcccctg	4020
accttgtgat	ctgcccgcct	tggcctccca	aagtgtctggg	attacaggcg	tgaaccaccg	4080
tgccgggcct	ttttttttt	ttttttgaga	cggggtcttg	ctatgttgcc	caagctagt	4140
tcagactcct	ggcttcaagt	aatcctccca	ccttggaactc	cccagtagct	gaagctacag	4200
gtatgcacca	tcttgttcca	ttttaaccat	tgcttttggt	tgtttctttg	tttcagagtc	4260
tcactcagtt	gctcaggctg	gagtacagt	gctcaatctt	ggctcactgc	aacctccacc	4320
tcctgggttc	aagcaattct	cctgcctcag	cctcccgagt	agctgggatt	acaggcgtgc	4380
accaccatgc	ccggctaatt	ttttgtattt	ttagtagaga			4420

<210> 6
 <211> 4420
 <212> DNA
 <213> Homo sapiens

<400> 6			
tctctactaa	aaatacaaaa aattagccgg gcatgggtgg	gcacgcctgt aatcccagct	60
actcgggagg	ctgaggcagg agaattgctt gaaccaggga	ggtggagggtt gcagttagcc	120
aagattgagc	cactgtactc cagcctgagc aactgagtga	gactctgaaa caaagaaaca	180
aacaaaagca	atggttaaaa tggaacaaga tgggtgcatac	ctgtagcttc agctactggg	240
gagtccaagg	tgggaggatt acttgaagcc aggagtctga	cactagcttg ggcaacatag	300
caagaccccg	tctcaaaaaa aaaaaaaaaa aggccgggca	cggtgggttca cgcctgtaat	360
cccagcactt	tgggaggcca aggccgggcag atcacaaggt	caggggatcg agaccatcct	420

ggctaacacg	gtgaaactcc	atctctacta	aaaaaaaaaa	aatacaaaaa	attagctggg	480
cgtggtggca	ggcgctgtg	gtcccagcta	cttgggaggc	tgaagcagga	gaatggcgtg	540
aaccaggag	gcgagcttg	tagtgagccg	agatcgcgcc	actgcactcc	agcctgggcg	600
acagagcaag	attccgtctc	aaaaacagaa	aaaagtaagt	tataatggta	agttgtatgt	660
tatatgtatt	ttaccacaaa	aaggcccgtt	gtactggaaa	caaagaacaa	ataaaaatgt	720
ataaccattc	caagctcatg	ggtgggtccaa	gaagaaacat	gagctggacc	ttggcccatg	780
agcaatggct	ttccaacttc	tgttgccaggt	gatgccattg	atggaataaa	ccatgatgtt	840
tctttcttct	ttttgagatg	gagtccttgc	atgggtgcca	agctagtcac	ccaggatgga	900
gtgcaggggc	acgatctcag	tgcactgcaa	cctccacatc	ccgggttcaa	gtgattctcc	960
cacctcagcc	tcccaagtag	ctgggattac	aggcacacgc	caccacgccc	agttaatttt	1020
tgtatgtcta	atggagacag	ggtttcatca	tgttggccag	gttgggtctc	agctcctgac	1080
ctcaagtgat	ccgcccgcct	tggcctccca	aagtgcctgg	attacaggcg	tgagccaccg	1140
gccataaacc	atgatattat	ttaccagttc	tattgctcat	gggcatttgg	gtatgaatgt	1200
ggtatgtcat	tctcaccag	agacataatt	attattacta	ttttagagaa	gtggtcttgc	1260
tctgttgccc	agactggagt	gcagtgcgtg	gatcataagt	cactgtagct	tcgaactccc	1320
gggctcaagc	aattctctca	cgtcagcctc	cttagtagct	gggactacaa	gtgcttgtcc	1380
gcaccatgcc	tagcaagagg	cattaatttt	gtcatgtttg	catcagccac	ccttgcatgc	1440
aaaactctgc	ttgtctacct	gttcctcaga	ccacagcccc	tggcattatc	cctggggcac	1500
cacctcctga	ccagtctctg	gacatgaaga	cggaggccct	gttgggaagt	ggaaggctcc	1560
cttcctcctc	cagcccttac	tgtctgctca	ggggcttcct	cttggccccg	gatgtgggac	1620
cggaggggtg	ggggcccagg	gacttattag	ccaagccagg	aagccccacc	ccaagaggcc	1680
tcaaagaaag	agctgcggtg	caggaattcg	tgtgccggat	ttgggttagct	gagcccaccg	1740
agagggtaag	tgacagctgc	tcctgcgctt	gccatggcac	cagcggggag	gctgggggtc	1800
aggctgagcc	tccatccctg	tccccacat	ggggggacag	gggtccaggt	ccaggggcag	1860
atcctactcc	ctccatgggc	cggatcttcc	ccacagggca	gggctgatcc	agctgtgggt	1920
ctcttggttc	cctctttcag	cgcttcagag	atgaaagctc	tctgtctcct	cctcctccct	1980
gtcctggggc	tgttggtgtc	tagcaagacc	ctgtgctcca	tggaagaagc	catcaatgag	2040
aggatccagg	aggctgcggg	ctccctaagt	gaggaccccc	cacttgggca	agctccccaa	2100
gggtctcaga	gacctactg	atccctggca	cagacctgac	tccaacccag	ccccagcgct	2160
caccaaattc	catcctcaaa	tccaaccaga	tcataaattc	aaccccaact	ccactcccaa	2220
cccctccgac	tgtccccacc	ttatccacgg	ctccaaaccc	aatccccgct	ctcactccaa	2280
accttccctt	actccaaaac	acccaactca	agacagggtc	ctggaggcca	gtgagctcct	2340

atgcccacag	ggacctagct	ccaaaccaac	agggctaggg	gaggatgggg	gagggaccgt	2400
ttggtctcac	agctccccct	gtctcctttc	ctcctgcccc	ccagtattta	gggcaataag	2460
cagcattggc	ctggagtgcc	agagcgtcac	ctccaggggg	gacctggcta	cttgcccccg	2520
aggtgagtgc	aggagactgt	tgtccaggcg	cccatttctg	ttccaagtcc	cctgggaatg	2580
ccccctcccc	gccacgttcc	ccgtgtccag	cctctactcc	cctaggatct	tggctcctgac	2640
tcccagcctt	ctccgcccac	catctggaca	ctgggtgtcca	ccctcactcc	ctgcctccag	2700
tgcccattca	gtggttggag	cctccagccg	tccccgtccc	cacccccgcc	cccccaaccc	2760
ccctccgcgc	tccccacccc	cctcccgttc	ccaccctcag	cctcccagct	cagagtccac	2820
gctcctgtgt	tccgggctgc	aggcttcgcc	gtcaccggct	gcacttgtgg	ctccgcctgt	2880
ggctcgtggg	atgtgcgcgc	cgagaccaca	tgtcactgcc	agtgcgcggg	catggactgg	2940
accggagcgc	gctgctgtcg	tgtgcagccc	tgaggtcgcg	cgcagcgcgt	gcacagcgcg	3000
ggcggaggcg	gctccaggtc	cggagggggt	gcgggggagc	tggaaataaa	cctggagatg	3060
atgatgatga	tgatgatgat	gatgatggag	cggatctgag	ccctgcgtgg	tttctttagt	3120
aggcccggag	ggactgatct	agcgtctcca	agagagtggg	gcgcgtagct	gctggagggg	3180
gcggggacac	cgcgactttc	tactgccccca	tcgcccttcc	tcctatgggg	tctccaactg	3240
cttcctccga	aaatagggcc	tgaacttcct	ctagtgcgt	ccccacccaa	ggctcatggc	3300
tgccttcaag	aggtgacgtc	tcattcttga	ggctaccttg	acgctcacc	tggggtctcc	3360
gacctcccca	ggaagtggct	gggtcctttt	ccccagttcc	tcataatgag	gcttcatcga	3420
ggacctgggt	cagtctgggc	agtggacggg	accctccagg	gccccaaagac	tccaggagcc	3480
ccaggtcagg	gtggaaccct	gaatcatgtc	tcagcccaga	gctggaacct	gtaccctca	3540
cttcctacct	gcaaggagga	atccccaaag	cacaggcaaa	gttgggttac	ggagagtcag	3600
ggacgcctac	ctgacgtcac	gcatcatcac	aagctcacgt	tttcacacag	gcaagtgcag	3660
ttgtgagtag	ttagttacaa	ccagatacac	gcagggtgct	tacccttcc	tggatactag	3720
attatgaaaa	cacagagcag	gggacttgct	tgctcctaga	tcccccccag	ggtttcgttt	3780
cttccttcc	cttccttga	cactagacaa	tcgactcact	gtcggagagg	aaatgtaatt	3840
gtgaaagaaa	gaggaatgaa	aagagagaat	gaaagacaaa	cgaagaagcg	ggagaagacg	3900
agcccaggag	acaagaagac	atacaagaag	gggagcagcc	atgcgatccc	ggaggaaaac	3960
aatcatgcga	gaacgataac	gagcaggcag	aacgacgaat	gacgtacagg	caacgcgacc	4020
agagtgacaa	gcgcgctgcg	gagacagaca	agacgactga	caaaaacgag	aaagaaggaa	4080
acagaaaaca	gtagaacca	acgaagcaca	gcgcaacata	acacgccgag	aataagagaa	4140
aaccaagaaa	cgacagaagg	acaatcacag	atcacacaga	aacaagcgaa	gatacaccac	4200
acgaaacca	gtttttttt	tttgagacag	ggtctcgctc	tgttgcccag	gctggagtgc	4260
agtggtgcaa	tctcggctca	ccgcaagcct	ctgcctcctg	ggttcaagcg	attctcctgc	4320

ctcagcctcc cacgtagctg ggactacagg cgctcgccac catacctggc taatttttgt 4380
atTTTTtagta gagaaggagt ttcaccatgt tggctaggtt 4420